

Fig. 1

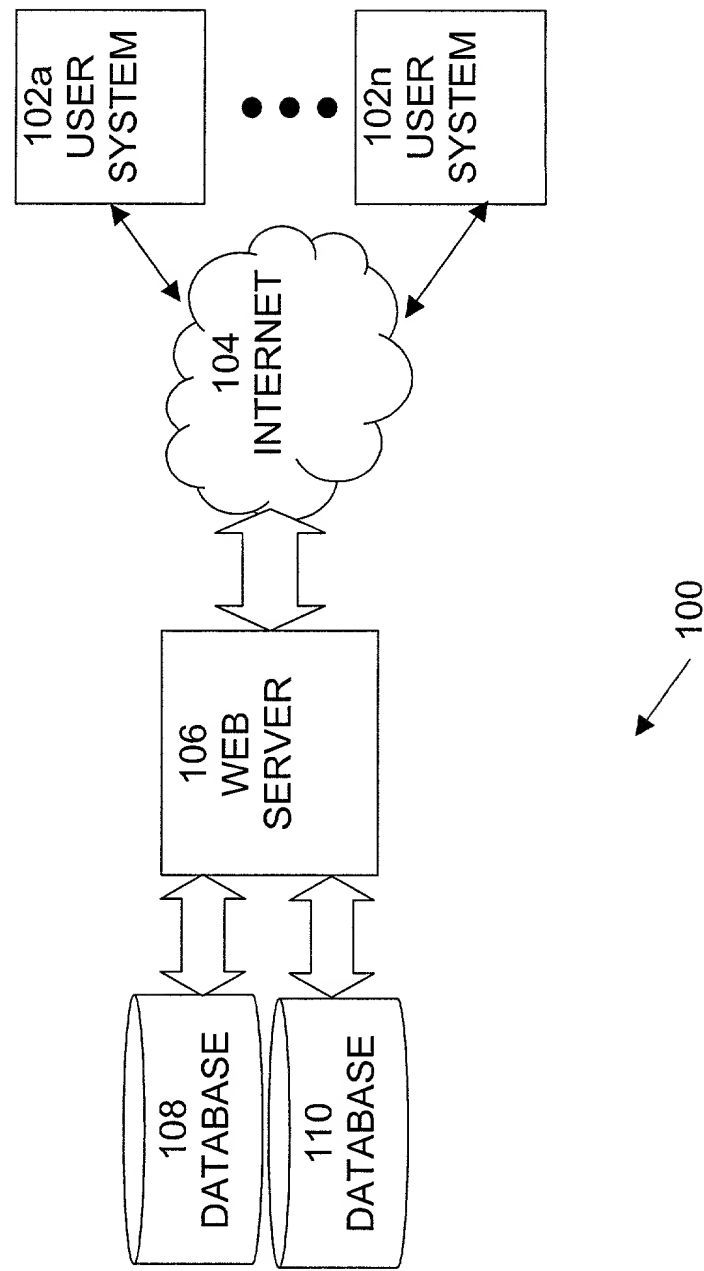


Fig. 2

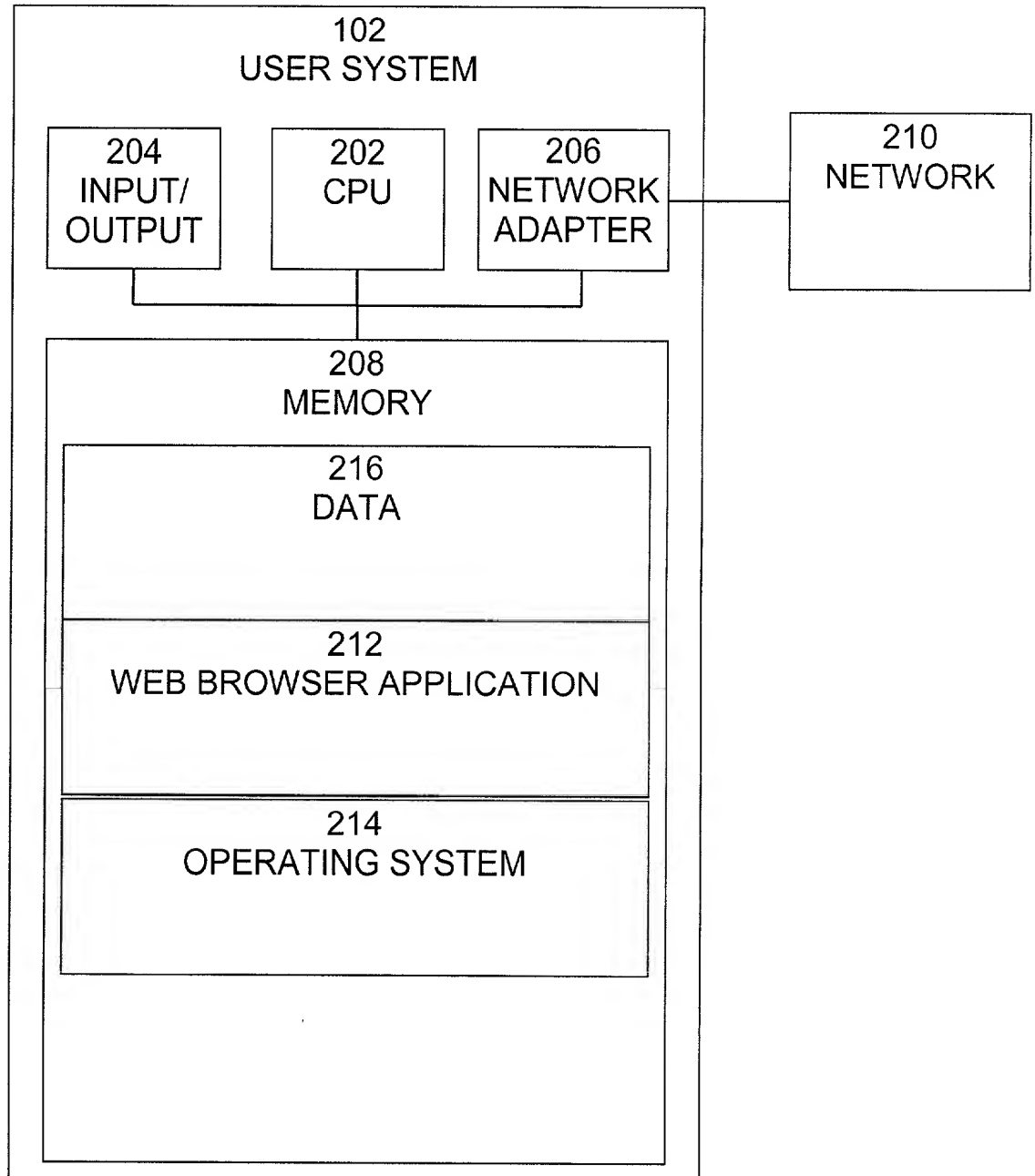


Fig. 3

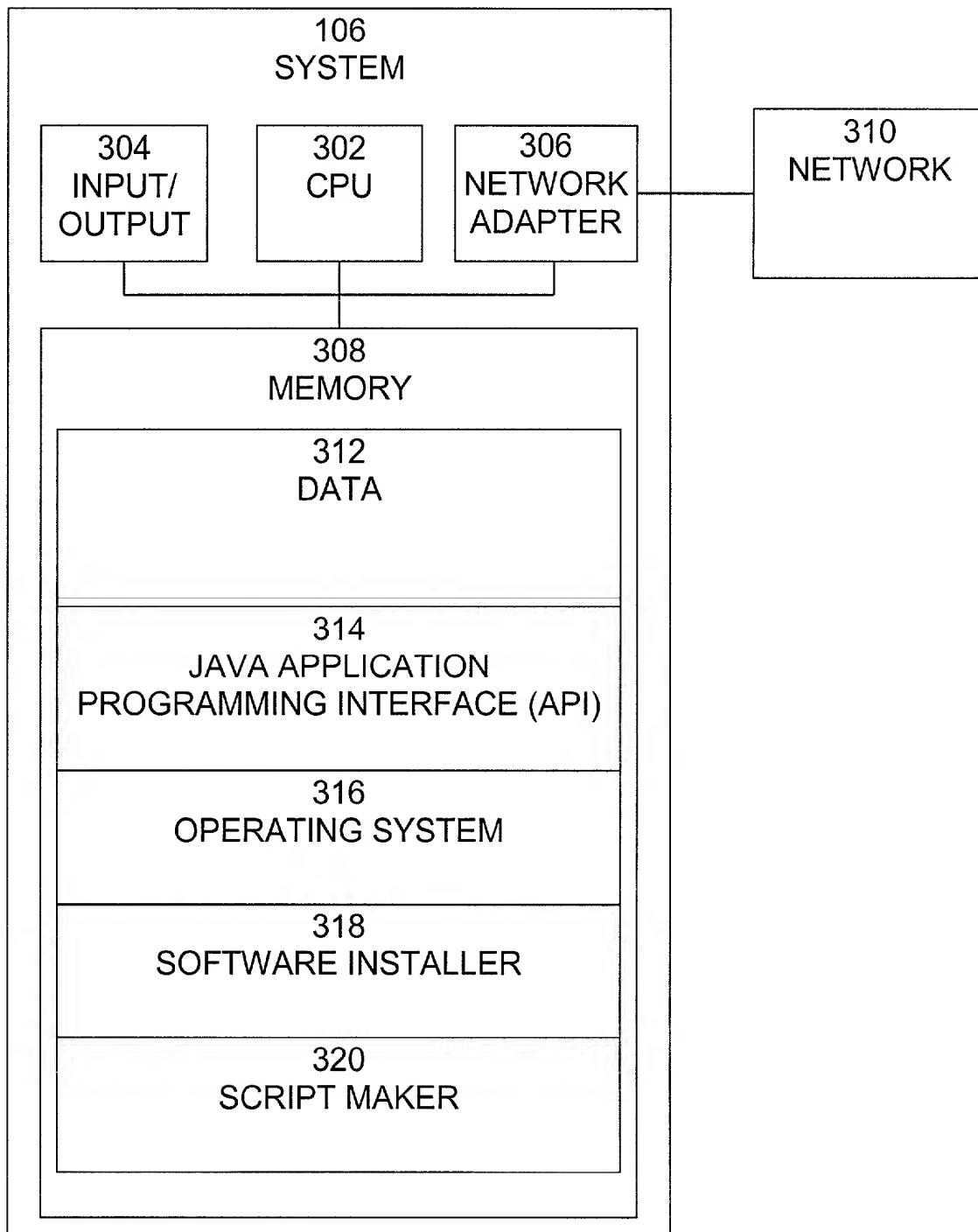
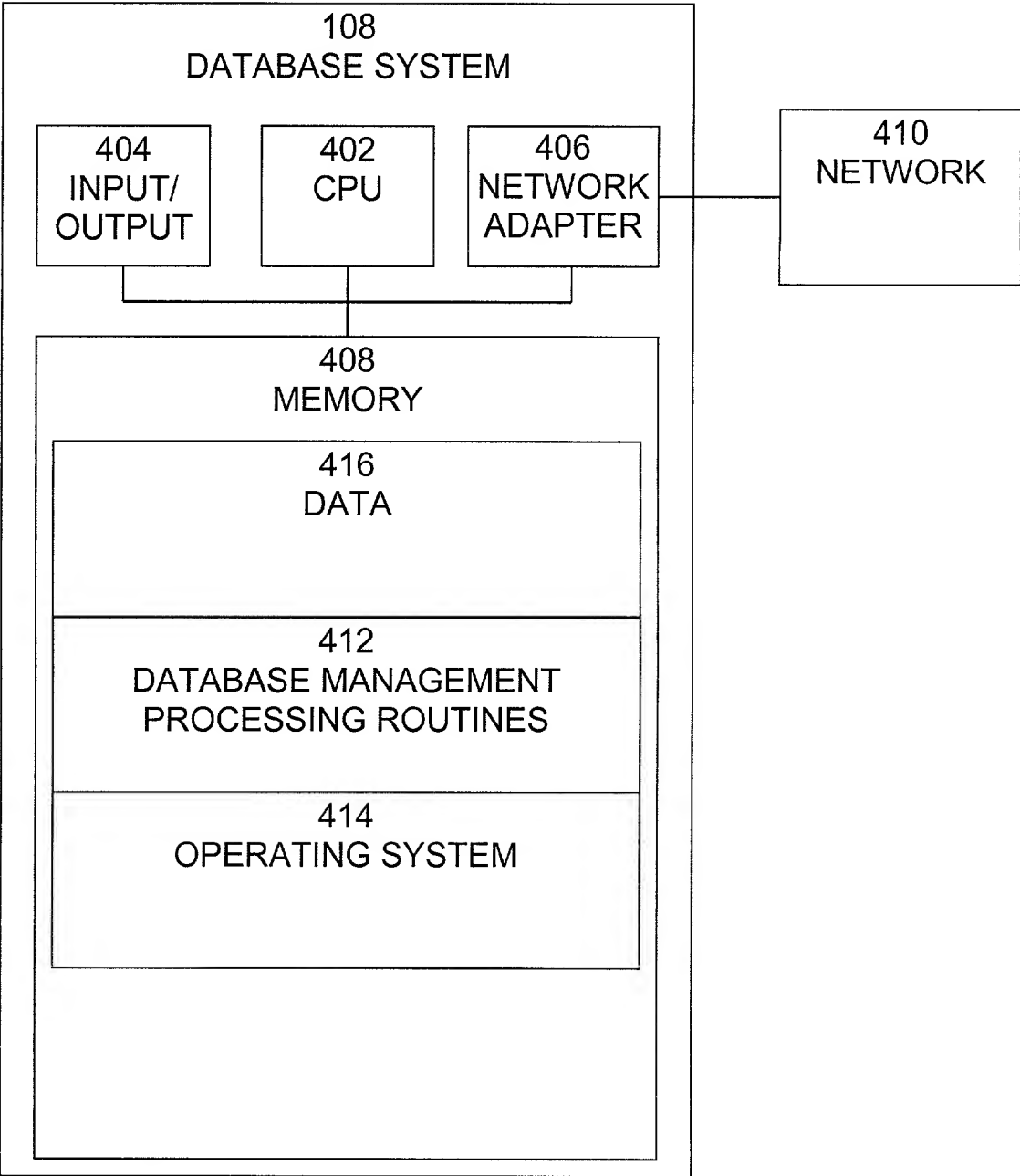


Fig. 4



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graph TD
    500[Implement Connection Class] --> 502[Retrieve Database Info]
    502 --> 504[Display Settings]
    504 --> 506{OK}
    506 -- No --> End1([End])
    506 -- Yes --> 508[List Tables]
    508 --> 510[Call Table Creation Class]
    510 --> 512[Load Database Adapter]
    512 --> 514[Connect to Database]
    514 --> 516{Connected}
    516 -- No --> Error([Error])
    516 -- Yes --> 518[Read Database Schema]
    518 --> 520{Tables Exist}
    520 -- Yes --> 522([Exception])
    520 -- No --> 524{New Install}
    524 -- Yes --> 524[Create New Tables]
    524 -- No --> 526[Determine Differences]
    526 --> 528[Report Inconsistencies]
    528 --> 530[Run Script]

```